

Mouse Monoclonal Antibody to CD74

Catalogue Number	sAP-0827
Target Molecule	Name: CD74 Aliases: II; DHLAG; HLADG; Ia-GAMMA MW: 33.5kDa Entrez Gene ID: 972
Description	The protein encoded by this gene associates with class II major histocompatibility complex (MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been identified. ;
Immunogen	Purified recombinant fragment of human CD74 (AA: 1-106) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2D1B3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Tumour Biol. 2012 Dec;33(6):2273-7. ; 2. World J Gastroenterol. 2012 May 14;18(18):2253-61. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**